

## PROCESS FOR THE PREPARATION OF OLEFIN OXIDES

Abstract

A process in continuous is described for the preparation of  
10 oxides of olefins by the direct epoxidation of an olefin  
with hydrogen peroxide, or compounds capable of producing  
hydrogen peroxide under the reaction conditions, in a sol-  
vent medium, in the presence of a catalytic system consist-  
ing of a zeolite containing titanium and a nitrogenated or-  
15 ganic base having formula (I).

The process allows the production of high conversions  
and selectivities of the olefin into the corresponding ox-  
ide with a stable catalytic activity over a period of time.